

ABSTRACT OF THE DISCLOSURE

A friction roller (10) includes a support roller (11) and an annular elastic ring (15) which it externally fitted to the support roller (11). The support roller (11) is divided into two portions in a thickness direction, that is, a first divided roller (12) and a second divided roller (13). A flange (127) is formed on one side of the first divided roller (12), and a taper face (128) is formed in an outer peripheral face of the first divided roller (12). A knurling portion (129) is formed in the taper face (128). A flange (136) is formed on one side of the second divided roller (13), and a taper face (137) is formed in an outer peripheral face of the second divided roller (13). A knurling portion (138) is formed in the taper face (137). Meanwhile, taper faces (151, 152) expanding outward are formed in an inner peripheral face of the elastic ring (15). The taper faces (151, 152) of the elastic ring (15) are engaged with the taper face (128) of the first divided roller (12) and the taper face (137) of the second divided roller (13).

Selected Figure : FIG. 4